

The Commonwealth of Massachusetts  
Executive Office of Health and Human Services  
Department of Public Health  
William A. Hinton State Laboratory Institute  
305 South Street, Jamaica Plain, MA 02130

DEVAL L. PATRICK  
GOVERNOR

TIMOTHY P. MURRAY  
LIEUTENANT GOVERNOR

JUDYANN BIGBY, MD  
SECRETARY

JOHN AUERBACH  
COMMISSIONER

06/09/2011

Andrius Knasas  
Assistant District Attorney, Suffolk County

Dear ADA Knasas,

Enclosed is the information you requested in regards to Commonwealth vs. [REDACTED] Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Curriculum Vitae for Annie Dookhan & Kate Corbett.
3. Control Cards with analytical results for samples # [REDACTED]
4. Analysis sheets with custodial chemist's hand notations and test results.
5. GC/Mass Spectral analytical data for samples # [REDACTED]

Annie Dookhan was the custodial chemist and performed the preliminary testing and net weight for this sample. Kate Corbett was the confirmatory chemist and analyzed the GC/MS data for this sample.

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Annie Dookhan".

Annie Dookhan  
Chemist II  
Drug Analysis Lab  
Jamaica Plain, MA. 02130  
(617) 983-6631



DRUG RECEIPT

CC #

BOOK #

PAGE #

DESTRUCTION #

District/Unit

Name & Rank of Arresting Officer

ID#

DEFENDANT'S NAME

ADDRESS

CITY

STATE

LAB USE ONLY

DESCRIPTION OF ITEMS SUBMITTED

GROSS  
QUANTITY

GROSS  
WEIGHT

ANALYSIS  
NUMBER

White Rock (crack cocaine)

3 plb's

2.80g

To be completed by ECU personnel only

Name and Rank of Submitting Officer

ID#

Received by

Date

ECU Control #

## Curriculum Vitae

**Annie Khan (Dookhan)**

### Education:

University of Massachusetts, Boston, Ma, Master of Science in Chemistry.

University of Massachusetts, Boston, Ma, Bachelor of Science in Biochemistry.

### Experience:

2003 – present

Chemist I, II, Massachusetts Department of Public Health, Drug Analysis Laboratory

\*Completed six-week training course conducted by senior staff within the Department of Public Health, Drug Analysis Laboratory.

\*Appointed Assistant Analyst by Assistant Commissioner of Public Health, 2004.

\*Responsible for the identification of illicit drugs to determine violations of harmful and narcotic drug laws.

\*Trained in the use of complex analytical instrumentation, microscopes and balances for the purpose of drug analysis.

\*Maintenance and repairs of all analytical instruments.

\*Responsible for the Quality Control of all analytical instruments, reagents and controls/standards.

\*Responsible for the Quality Control/Quality Assurance program for the drug lab.

\*Notary Public.

\*Qualified as an expert witness in Massachusetts Courts and U.S. District Court

2001 – 2003

QC Analyst I, II, UMMS-Massachusetts Biologic Laboratory, QC Material Control

\*Completed proficiency training conducted by a member of the staff within the MLB Quality Control and Quality Assurance Department.

\*Method Development for creating new techniques and enhancing vaccines for the QC Dept. and FDA.

\*Writing, revising and reviewing Standard Operating Procedures (SOPs).

\*Trained and supervised new chemists and interns for the department.

\*Routine QC testing of products for the FDA.

\*Trained in the use of complex analytical instrumentation, and balances for the purpose of QC analysis for product and validation projects.

\*Calibration, preventive maintenance, QC and QA of analytical instrumentation.

\*Complete testing of chemicals for Vendor Validation Project for the FDA.

\*Compendial testing and interpretation of the USP, ACS, FCC, AOAC, Merck Index, PDR, etc.

### Additional Training:

Dept. of Justice – Forensics Professionals. (numerous trainings)

GLP/GMP course with Massachusetts Biologic Laboratory.

QC/QA training according to FDA Codes and Regulations.

GC and GC/MS courses with Agilent Technologies and Restek.

HPLC course with Waters Cooperation.

FTIR course with Spectros.

TOC training with MBL and Sievers.

### Association:

American Chemical Society (ACS)

Northeastern Association of Forensics Science (NEAFS)

No. [REDACTED]  
City: Boston D.C.U. Police Dept.  
Officer: P.O. Diana Lopez  
Def: [REDACTED]

Date Analyzed: 2/25/11

Amount: Subst: SUB

No. Cont: 3 Cont: pb

Date Rec'd: 12/09/2010

No. Analyzed: 1

Gross Wt.: 2.80

Net Weight: 0.14

# Tests: 6 ASD  
• 2KAC

Prelim: cocaine @

Findings: Cocaine

# DRUG POWDER ANALYSIS FORM

SAMPLE #



AGENCY

Boston

ANALYST

ASJ

No. of samples tested: \_\_\_\_\_

Evidence Wt. \_\_\_\_\_

## PHYSICAL DESCRIPTION:

off white chunky substance  
in 3 pbs

Gross Wt ( 3 ): 0.6279

Gross Wt ( 1 ): 0.2236

Pkg. Wt: \_\_\_\_\_

Net Wt: 0.1449

## PRELIMINARY TESTS

### Spot Tests

Cobalt  
Thiocyanate ( - ) +

Marquis -

Froehde's -

Mecke's -

### Microcrystalline Tests

Gold  
Chloride +

TLTA ( - ) +

### OTHER TESTS

## PRELIMINARY TEST RESULTS

RESULTS cocaine

DATE 2-25-11

## GC/MS CONFIRMATORY TEST

RESULTS cocaine

MS  
OPERATOR KAC

DATE 2-25-11

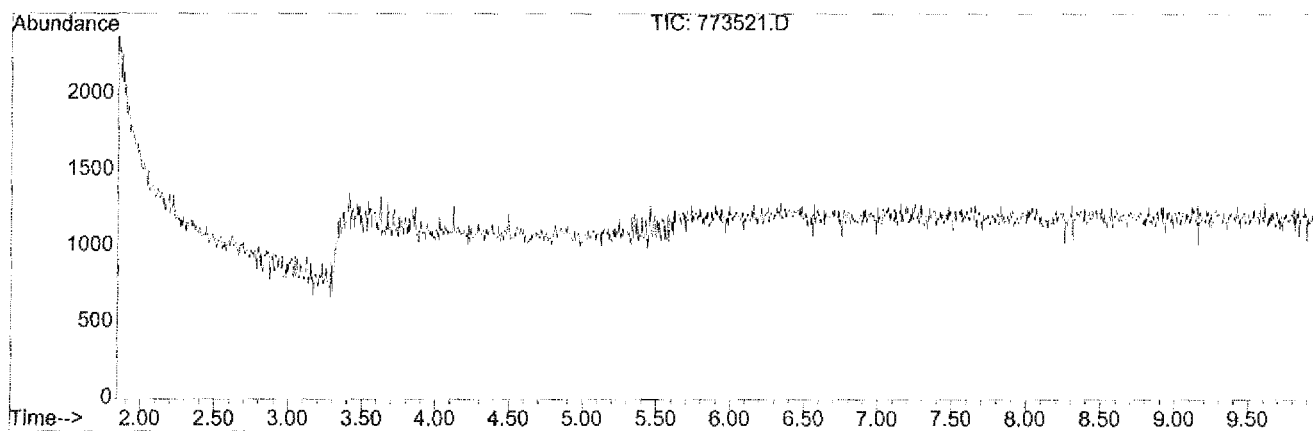
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : F:\Q1-2011\SYSTEM8\02\_24\_11\773521.D  
Operator : ASD/KAC  
Date Acquired : 24 Feb 2011 18:11  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

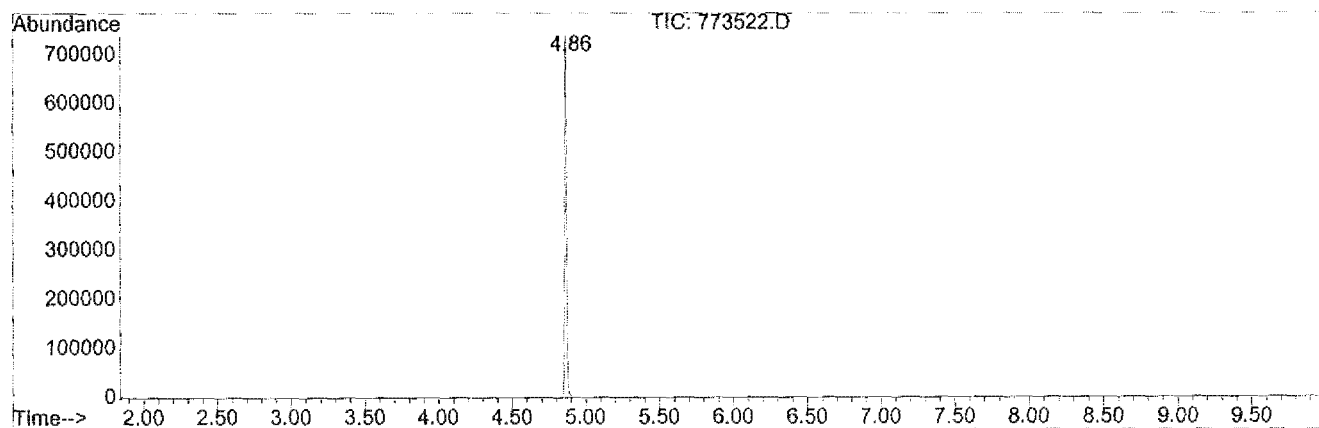
---

\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\SYSTEM8\02\_24\_11\773522.D  
 Operator : ASD/KAC  
 Date Acquired : 24 Feb 2011 18:24  
 Sample Name : COCAINE STD  
 Submitted by : ASD  
 Vial Number : 22  
 AcquisitionMeth: DRUGS  
 Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.861	647581	100.00	100.00

# Area Percent / Library Search Report

**Information from Data File:**

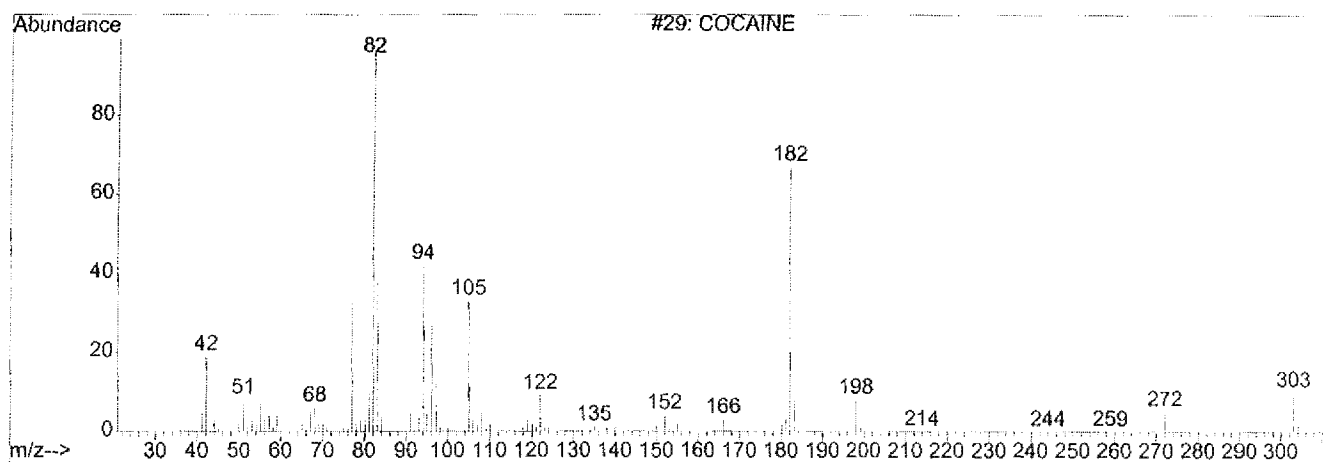
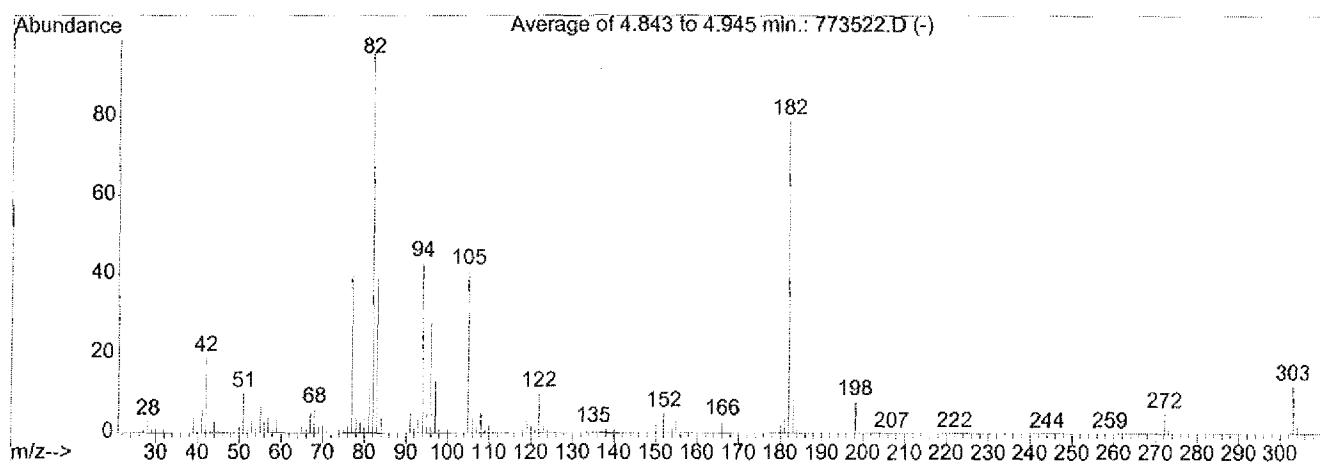
```

File Name       : F:\Q1-2011\SYSTEM8\02_24_11\773522.D
Operator        : ASD/KAC
Date Acquired   : 24 Feb 2011  18:24
Sample Name     : COCAINE STD
Submitted by    : ASD
Vial Number     : 22
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	4.86	C:\DATABASE\SLI.L COCAINE	000050-36-2	99





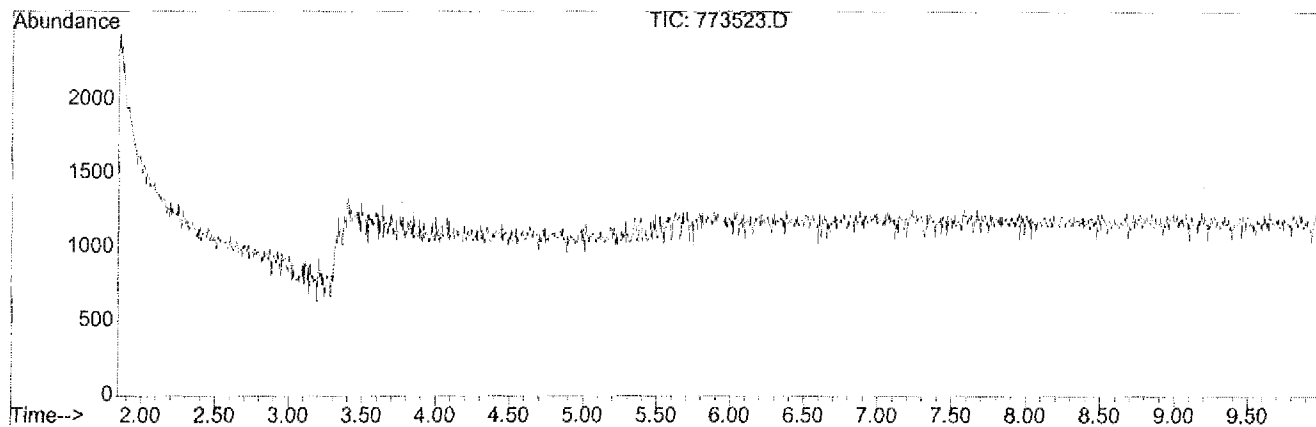
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : F:\Q1-2011\SYSTEM8\02\_24\_11\773523.D  
Operator : ASD/KAC  
Date Acquired : 24 Feb 2011 18:37  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

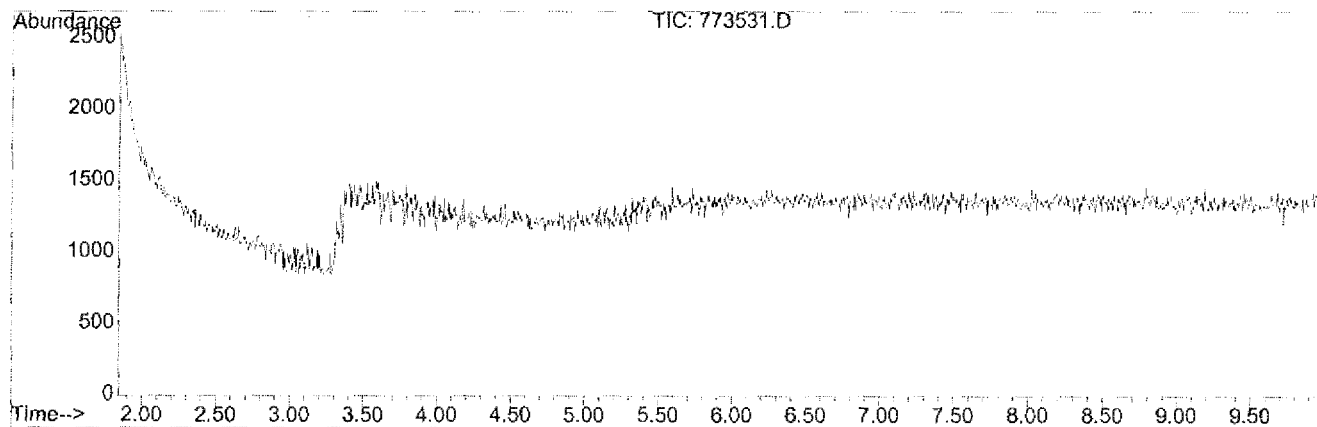
---

\*\*\*NO INTEGRATED PEAKS\*\*\*

# Area Percent / Library Search Report

Information from Data File:

File Name : F:\Q1-2011\SYSTEM8\02\_24\_11\773531.D  
Operator : ASD/KAC  
Date Acquired : 24 Feb 2011 20:21  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

\*\*\*NO INTEGRATED PEAKS\*\*\*

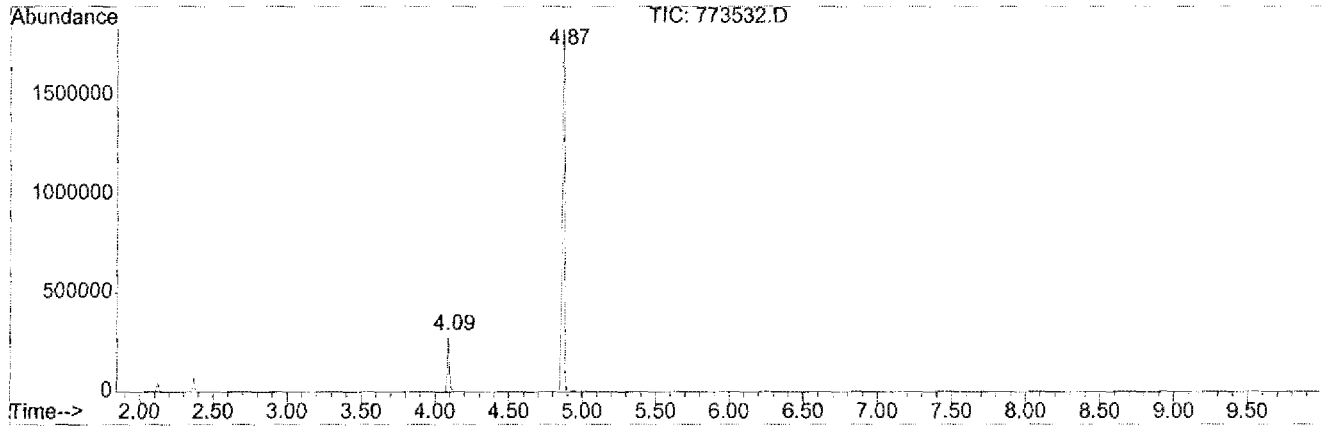
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : F:\Q1-2011\SYSTEM8\02\_24\_11\773532.D  
Operator : ASD/KAC  
Date Acquired : 24 Feb 2011 20:34  
Sample Name : XXXXXXXXXX  
Submitted by : ASD  
Vial Number : 32  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
4.089	268219	11.21	12.62
4.867	2125210	88.79	100.00

---

# Area Percent / Library Search Report

**Information from Data File:**

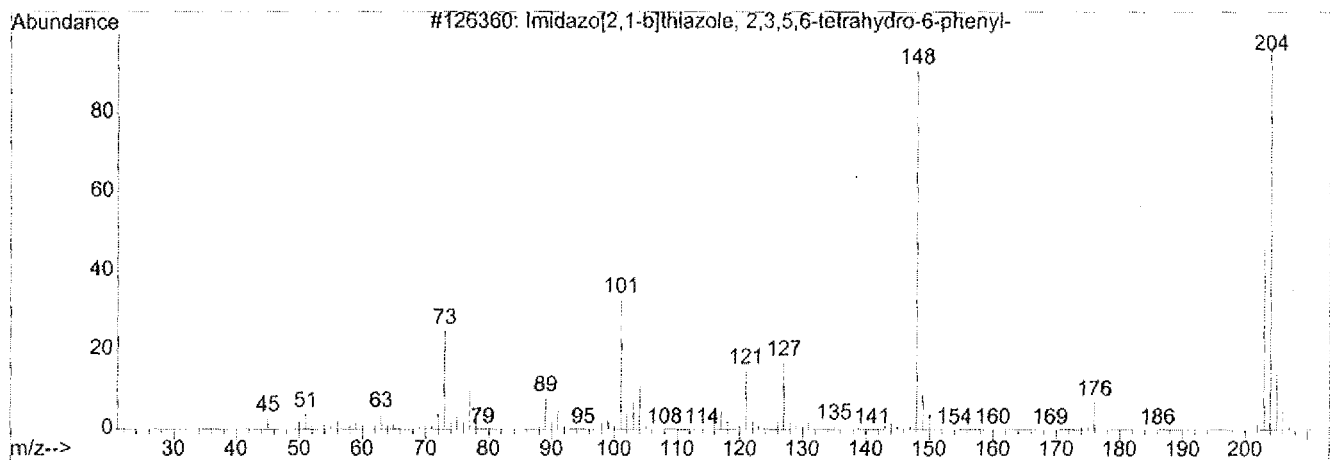
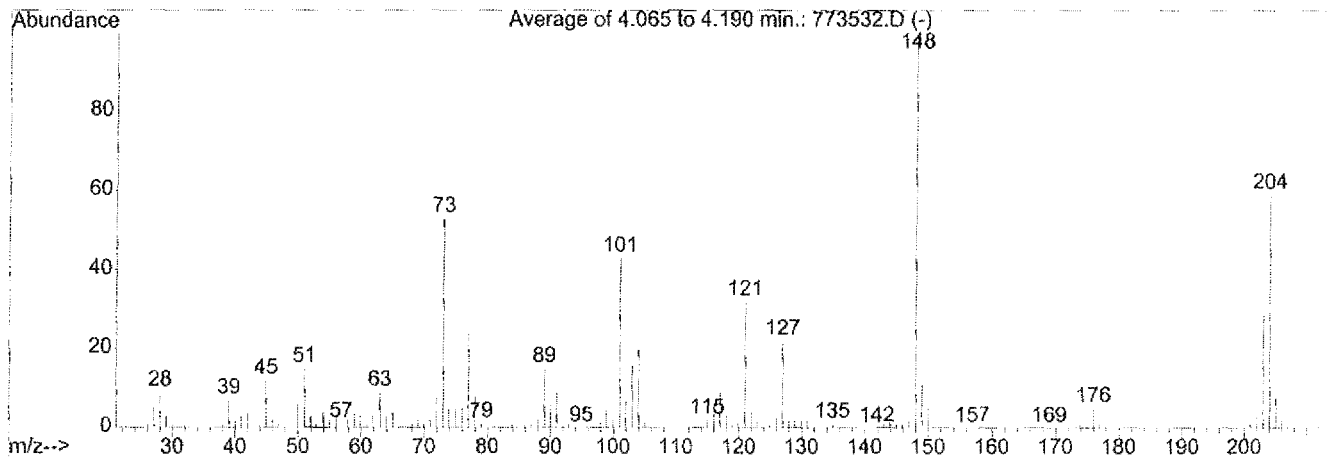
```

File Name       : F:\Q1-2011\SYSTEM8\02_24_11\773532.D
Operator        : ASD/KAC
Date Acquired   : 24 Feb 2011  20:34
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 32
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	4.09	C:\DATABASE\NIST98.L		
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	98
		Imidazo[2,1-b]thiazole, 2,3,5,6-tet	006649-23-6	95



# Area Percent / Library Search Report

**Information from Data File:**

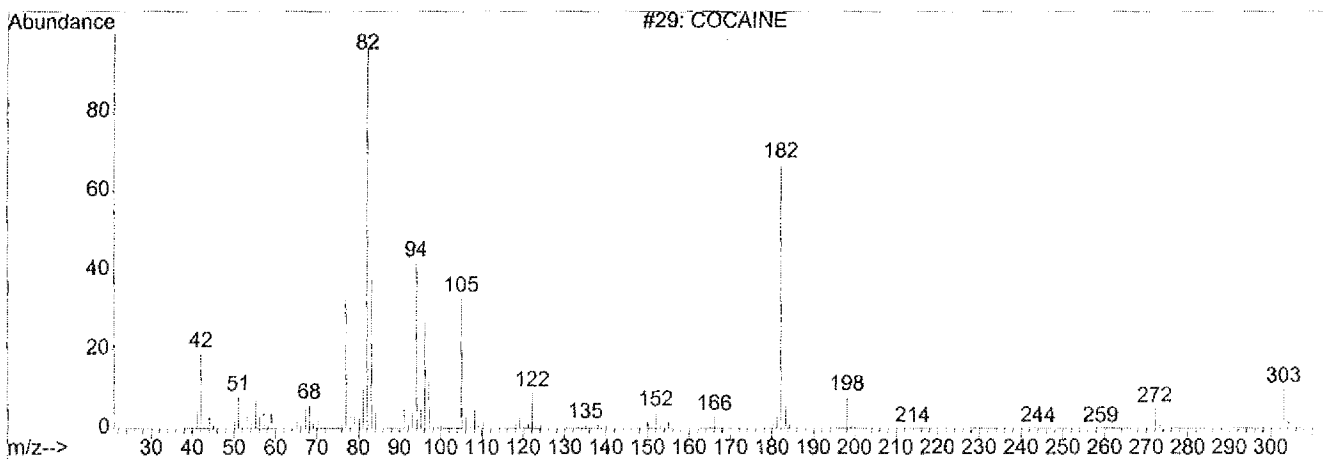
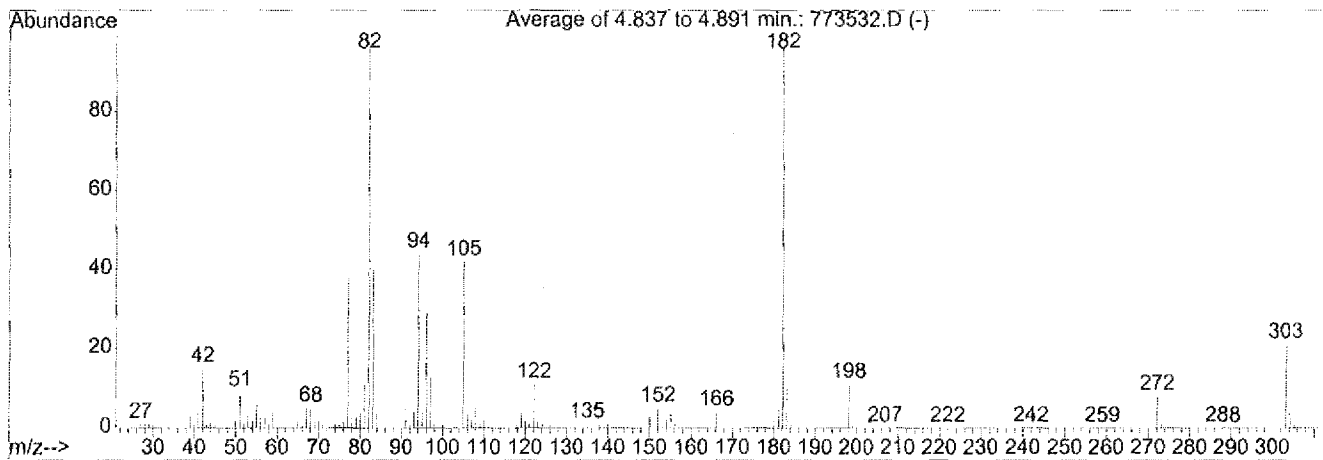
```

File Name       : F:\Q1-2011\SYSTEM8\02_24_11\773532.D
Operator        : ASD/KAC
Date Acquired   : 24 Feb 2011  20:34
Sample Name     : ██████████
Submitted by    : ASD
Vial Number     : 32
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries: C:\DATABASE\SLI.L           Minimum Quality: 95
                  C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                  C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
2	4.87	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



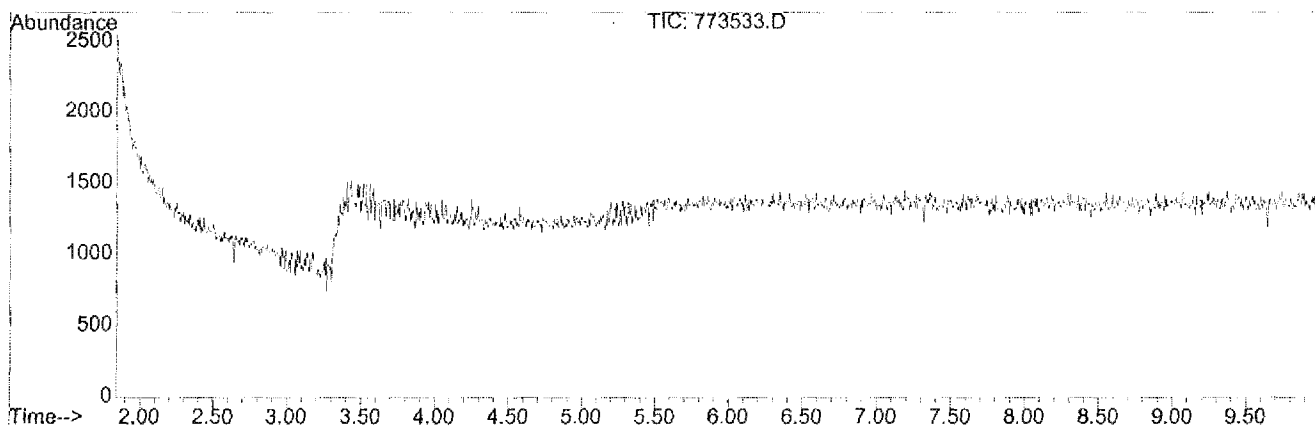
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : F:\Q1-2011\SYSTEM8\02\_24\_11\773533.D  
Operator : ASD/KAC  
Date Acquired : 24 Feb 2011 20:47  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 1  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

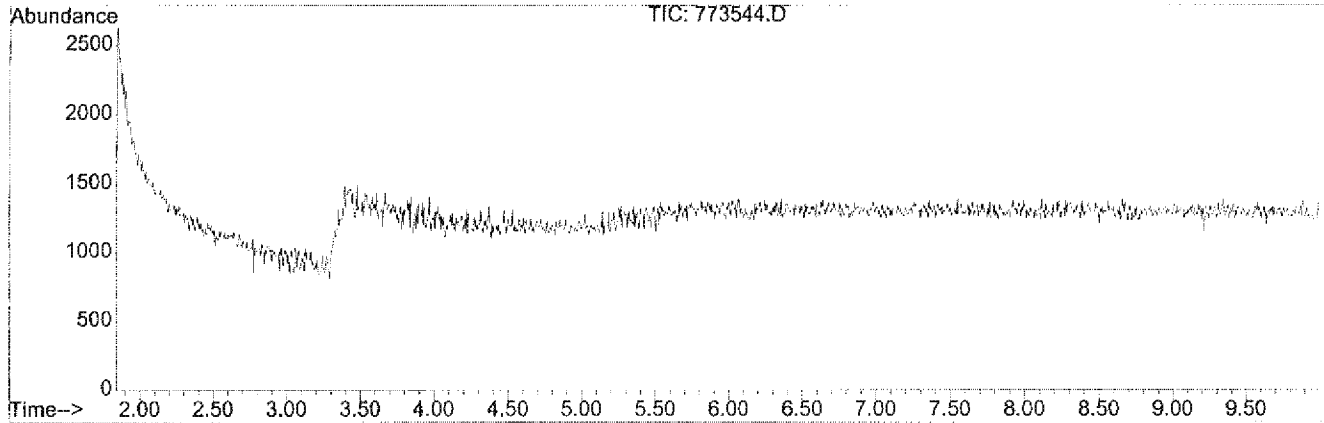
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : F:\Q1-2011\SYSTEM8\02\_24\_11\773544.D  
Operator : ASD/KAC  
Date Acquired : 24 Feb 2011 23:11  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*

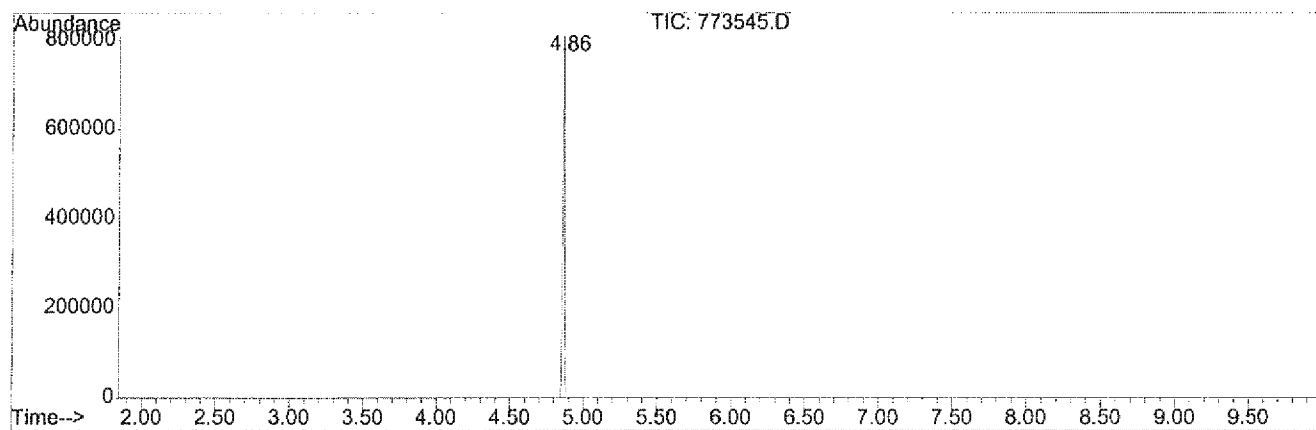
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : F:\Q1-2011\SYSTEM8\02\_24\_11\773545.D  
Operator : ASD/KAC  
Date Acquired : 24 Feb 2011 23:24  
Sample Name : COCAINE STD  
Submitted by : ASD  
Vial Number : 22  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
4.861	676188	100.00	100.00

---



# Area Percent / Library Search Report

**Information from Data File:**

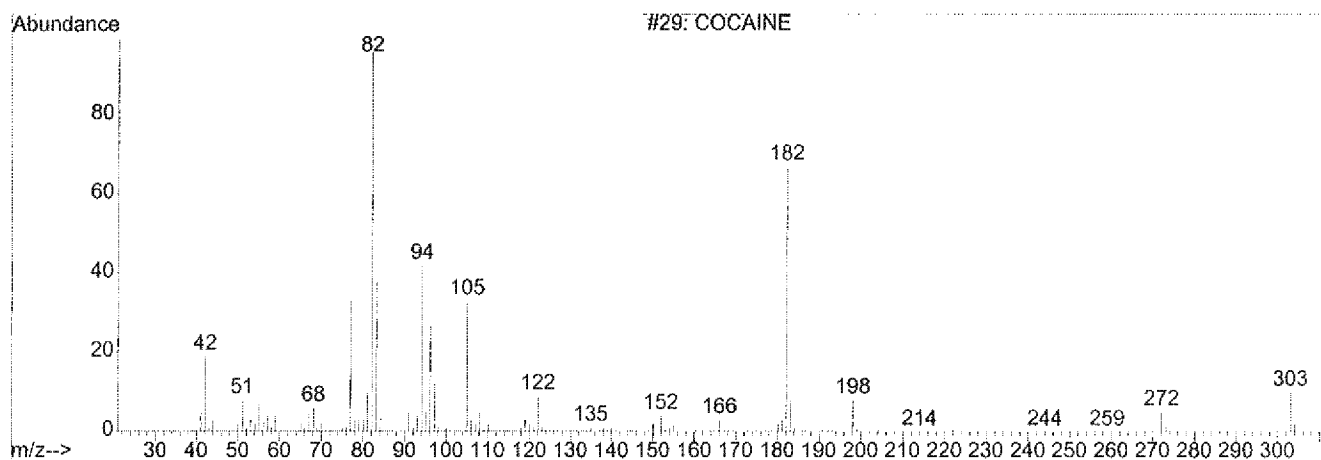
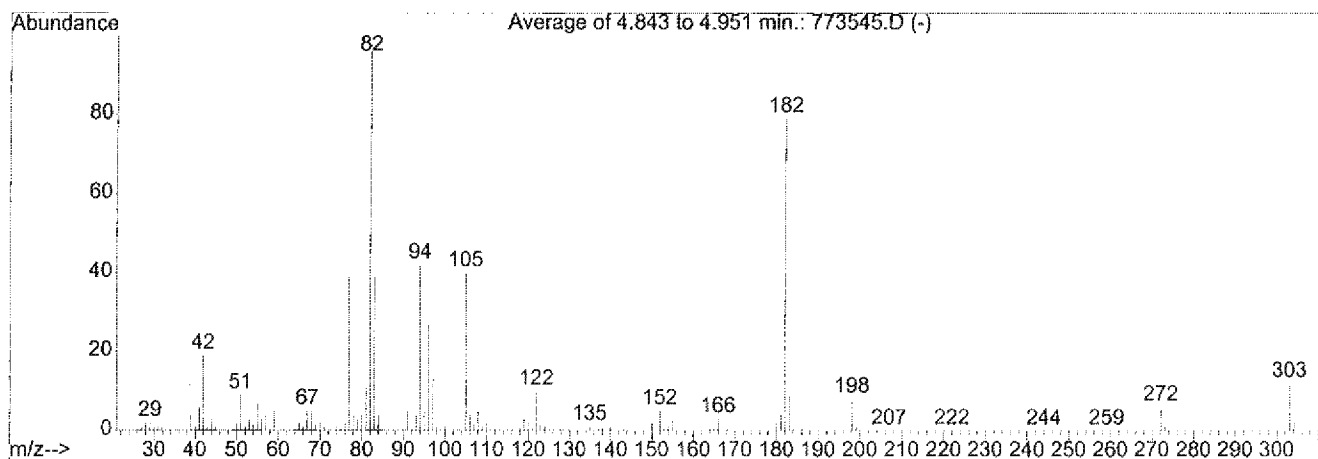
```

File Name       : F:\Q1-2011\SYSTEM8\02_24_11\773545.D
Operator        : ASD/KAC
Date Acquired   : 24 Feb 2011  23:24
Sample Name     : COCAINE STD
Submitted by    : ASD
Vial Number     : 22
AcquisitionMeth : DRUGS
Integrator      : RTE
  
```

```

Search Libraries:  C:\DATABASE\SLI.L           Minimum Quality: 95
                   C:\DATABASE\PMW_TOX2.L      Minimum Quality: 90
                   C:\DATABASE\NIST98.L
  
```

PK#	RT	Library/ID	CAS#	Qual
1	4.86	C:\DATABASE\SLI.L COCAINE	000050-36-2	99



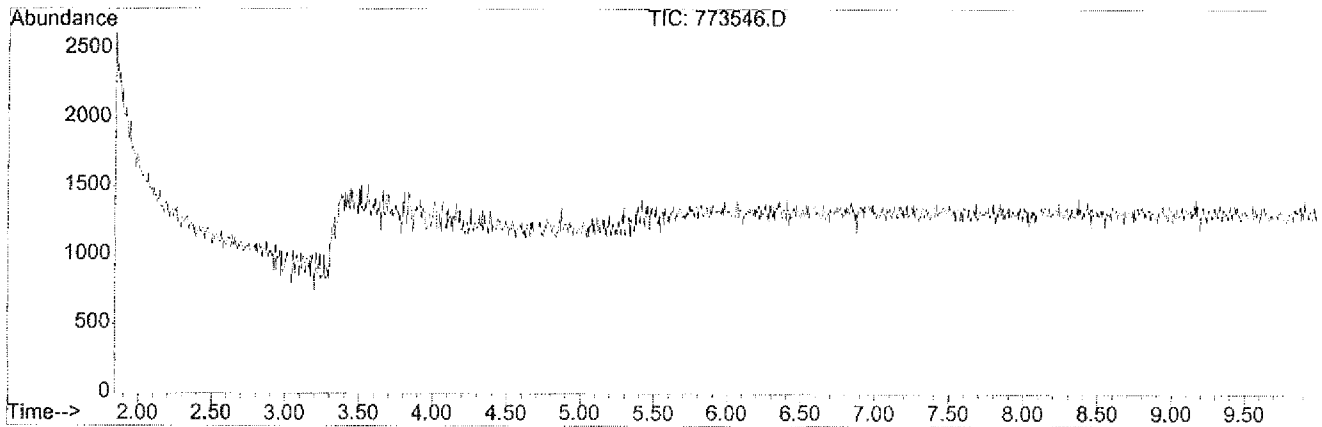
# Area Percent / Library Search Report

---

## Information from Data File:

File Name : F:\Q1-2011\SYSTEM8\02\_24\_11\773546.D  
Operator : ASD/KAC  
Date Acquired : 24 Feb 2011 23:38  
Sample Name : BLANK  
Submitted by : ASD  
Vial Number : 2  
AcquisitionMeth: DRUGS  
Integrator : RTE

---



Ret. Time	Area	Area %	Ratio %
-----------	------	--------	---------

---

\*\*\*NO INTEGRATED PEAKS\*\*\*